

**IN THE CLAIMS:**

1.-104. (Cancelled)

105. **(currently amended)** An isolated R1 allelic variant 5660 nucleotides upstream of the ATG site having SEQ ID NO:1 of Signal Transducer and Activator of Transcription-6 (STAT-6) Gene for use in predicting susceptibility of a human subject to atopic asthma

106. **(Cancelled)**

107. **(currently amended)** An isolated R3 allelic variant of STAT-6 gene present at 3003 nucleotide upstream of the ATG site of SEQ ID NO: 2 of Signal Transducer and Activator of Transcription-6 (STAT-6) of gene having SEQ ID NO: 2 for use in predicting susceptibility of a human subject to atopic asthma.

108.-109. **(Cancelled)**

110. **(currently amended)** The isolated allelic variant according to claim ~~107~~ 105, wherein haplotypes 17\_15 (CA nucleotide repeat is on 17 on allele of R1 locus and on 15 allele of on R3 locus of the STAT-6 gene having a 'p' value less than 0.0031 and 16\_15 (CA repeat 16 on R1 locus and 15 on R3 locus of the STAT6 gene having a p value less than 0.001) are associated with susceptibility to asthma.

111.-116 **(Cancelled)**

117. **(currently amended)** The isolated allelic variant according to claim 105, wherein haplotypes 17\_14 (CA repeat 17 in on R1 locus and 14 in on R3 locus of the STAT-6 gene having a 'p' value less than 0.00001), 23\_16 (CA repeat 23 in on R1 locus and 16 in on R3 locus of the STAT-6 gene having a 'p' value less than 0.00001) and 24\_16 (CA repeat 24 in on R1 locus and 16 in on R3 locus of the STAT-6 gene having a 'p' value less than 0.00001) are associated with protection from asthma.

118. **(currently amended)** The isolated pharmacogenetic markers having SEQ ID NO: 1 and 2 for detecting and predicting a predisposition to atopic asthma of STAT-6 gene in a human subject

119. **(previously presented)** The isolated pharmacogenetic markers according to claim 118, wherein SEQ ID NO: 1 is associated with R1 locus and SEQ ID NO: 2 is associated with R3 locus of STAT-6 gene.

120. **(Cancelled)**